



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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June 1, 1987

Mr. Roy Benson, Area Manager  
U.S. Steel Corporation  
P.O. Box 20-B, RFD #1  
Santaquin, Utah 84655

*Roy:*  
Dear ~~Mr. Benson~~:

Re: Keigley Quarry, ACT/049/001

We appreciated the tour of the Keigley Quarry on May 11, with you and Mr. Gin. We are now ready to follow through on this case and get the quarry permitted.

Since it has been ten years since the first notification was made, it would probably be easier to submit a new MR-1 rather than try to amend the old forms. Therefore a new MR-1 is enclosed. Most of the items in the MR-1 should be self-explanatory. Information on items we discussed follows:

Item 13 - A map will need to be submitted showing those areas of the mining operation that have not been utilized since May, 1975. The Division will not include those areas in your permit.

The active portions of the mine-reclamation schedule etc., also need to be shown.

Item 20 - Existing vegetation ground cover is approximately 20 percent. Dominant vegetation is big sagebrush, cliffrose, rabbitbrush, and bluebunch wheatgrass.

Item 23 - In order to reestablish at least 70 percent of the premining vegetative ground cover, one to two feet of topsoil will need to be put on most areas (excluding highwalls, etc.). Your plan should describe where this material will come from.



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Item 25

- D. Test plots won't be necessary.
- E. Revegetation

|                                    |                  |
|------------------------------------|------------------|
| 1. <u>Recommended seed mixture</u> | <u>Lbs./Acre</u> |
| Bluebunch wheatgrass               | 5                |
| Crested wheatgrass                 | 5                |
| Big sagebrush                      | 2                |
| Bitterbrush                        | 2                |
| Cliffrose                          | 2                |
| Rabbitbrush (white stem)           | 2                |
| Alfalfa (dryland)                  | <u>2</u>         |
| Total                              | 20               |

- 2. 20 lbs./acre
- 3. Fall preferably
- 4. After topsoil is hauled in, area should be ripped or disced six inches.
- 5. Drill seeding preferred. If hand broadcast, harrow or rake seed into soil 1/4 to 1/2 inch.
- 6. Suggest broadcast fertilization of 200 lbs./acre of Diammonium phosphate 18-46-0 at time of seeding.

Item 27 - A detail cost estimate for the reclamation will need to be submitted.

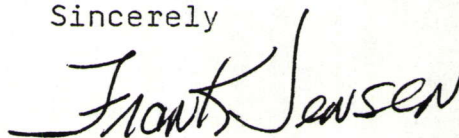
Page 11 - Variances

Rule M-10(3) - An impoundment variance and justification for the pits should be requested.

Rule M-10-(5) - A highwall variance for the pits should be requested and justification provided if they are to exceed a 45 degree slope angle.

If we can be of any help in getting this case processed, please let us know.

Sincerely



Frank Jensen  
Soils Reclamation Specialist

clj  
Enclosure  
cc: L. Braxton  
1211R/1